

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 2000-392196 (71)Applicant : SEIKO EPSON CORP  
 (22)Date of filing : 25.12.2000 (72)Inventor : ENDO HIRONORI

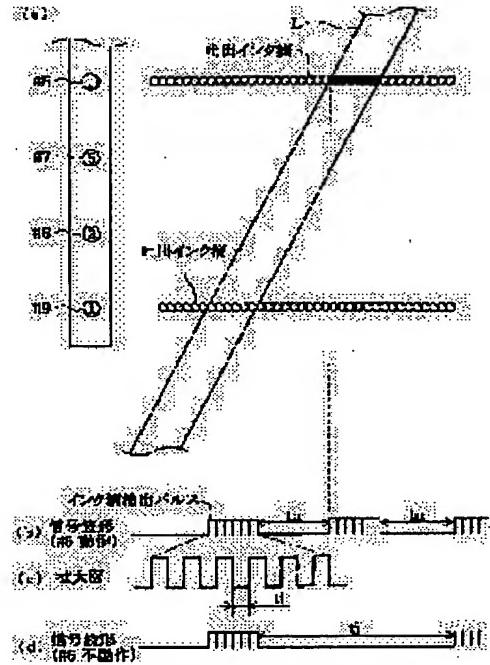
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## (54) PRINTER PERFORMING DOT MISS INSPECTION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To perform inspection of a nozzle without requiring highly accurate alignment of an ink drop detector and the nozzle of a print head.

**SOLUTION:** Presence of a nonoperating nozzle is specified by comparing the duration of a continuous ink drop detection pulse with a specified threshold value and totalizing the comparison results. Since a decision can be made whether a nonoperating nozzle is present or not without using information of positional relationship between an ink drop detector and a print head, highly accurate alignment of the ink drop detector and the print head is not required.




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## LEGAL STATUS

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